

NOTES:

1. -1 & -2 INSTALLATIONS ARE USED ONLY WITH THE ALUMINUM COWLING ON BELL MODELS 407, 206L-1, L-3 AND L-4.
-3 & -4 INSTALLATIONS ARE USED ONLY WITH THE CARBON FIBER COMPOSITE COWLING (407-064-004-XXX) ON BELL MODELS 407, 206L-1, L-3 AND L-4.

2. ITEMS 7, 17 & 18 ARE CONSIDERED INTERCHANGEABLE IF NEEDED TO ADJUST FOR COWLING VARIATION.
ITEMS 4, 5, 19 & 25 ARE CONSIDERED INTERCHANGEABLE IF NEEDED TO ADJUST FOR COWLING VARIATION.

3. DOUBLER MAY BE MODIFIED AS NECESSARY TO ACCOMMODATE COWLING INTERNAL STRUCTURE, WHILE MAINTAINING A MINIMUM 2D EDGE DISTANCE ON ALL RIVET HOLES.

4. MAGNOLIA 6398 MAY BE USED AS FAIRING COMPOUND.
MAGNOLIA PLASTICS, INC.
5547 PEACHTREE INDUSTRIAL BLVD.
CHAMBLEE, GA 30341-2296
800-831-8031

5. USE HYSOL EA9309NA ADHESIVE FOR DOUBLER ASSEMBLY AND RECEPTACLE INSTALLATIONS PER BELL HELICOPTER TEXTRON STANDARD PRACTICES MANUAL BHT-ALL-SPM CHAPTER 7.

6. ALL RIVETS TO BE INSTALLED PER BELL HELICOPTER STRUCTURAL REPAIR MANUAL BHT-ALL-SRM.

7. REMOVE EXISTING NUTPLATES PER BHT-ALL-SRM SECTION 3-2-22.

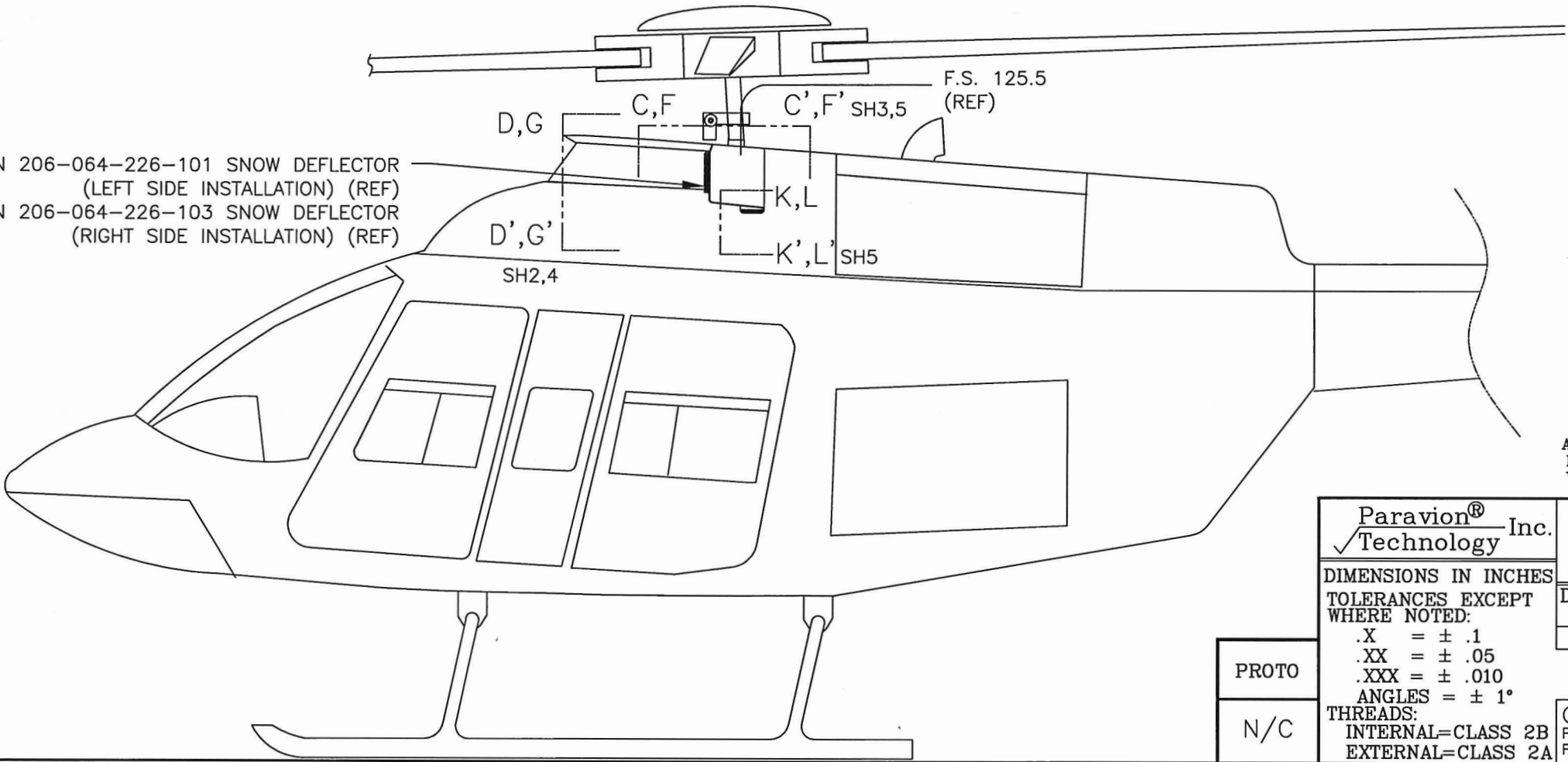
8. CONFORM WITH BHT TB 407-14-106 COWLING MODIFICATION, IF REQUIRED.

9. MATCH DRILL Ø0.128 AND C'SINK AIRCRAFT COWLING Ø0.225 X 100° AND INSTALL RIVETS THRU THE COWLING AND RECEPTACLE.

10. MATCH DRILL Ø0.161 AND C'SINK AIRCRAFT COWLING Ø0.286 X 100° AND INSTALL RIVETS THRU THE COWLING AND RECEPTACLE.

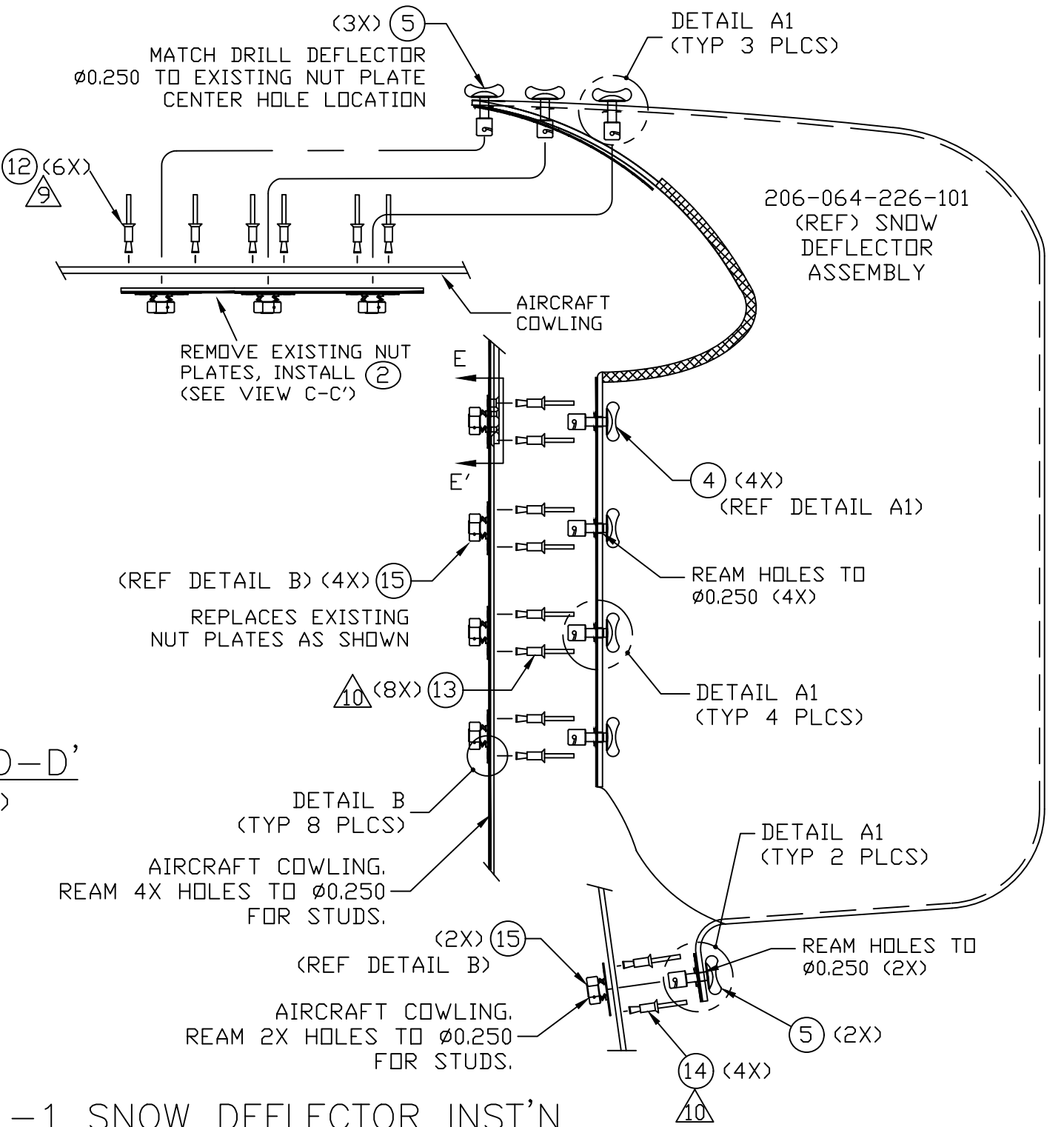
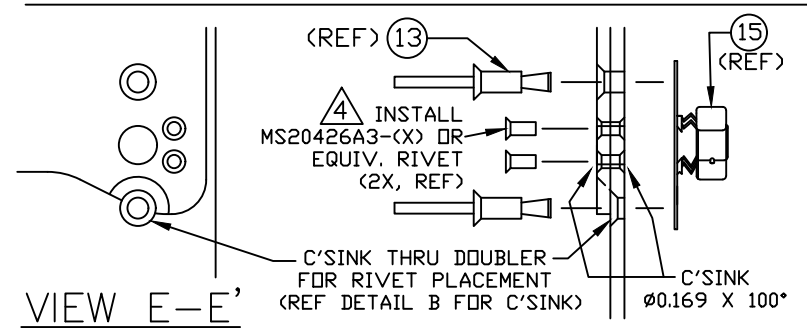
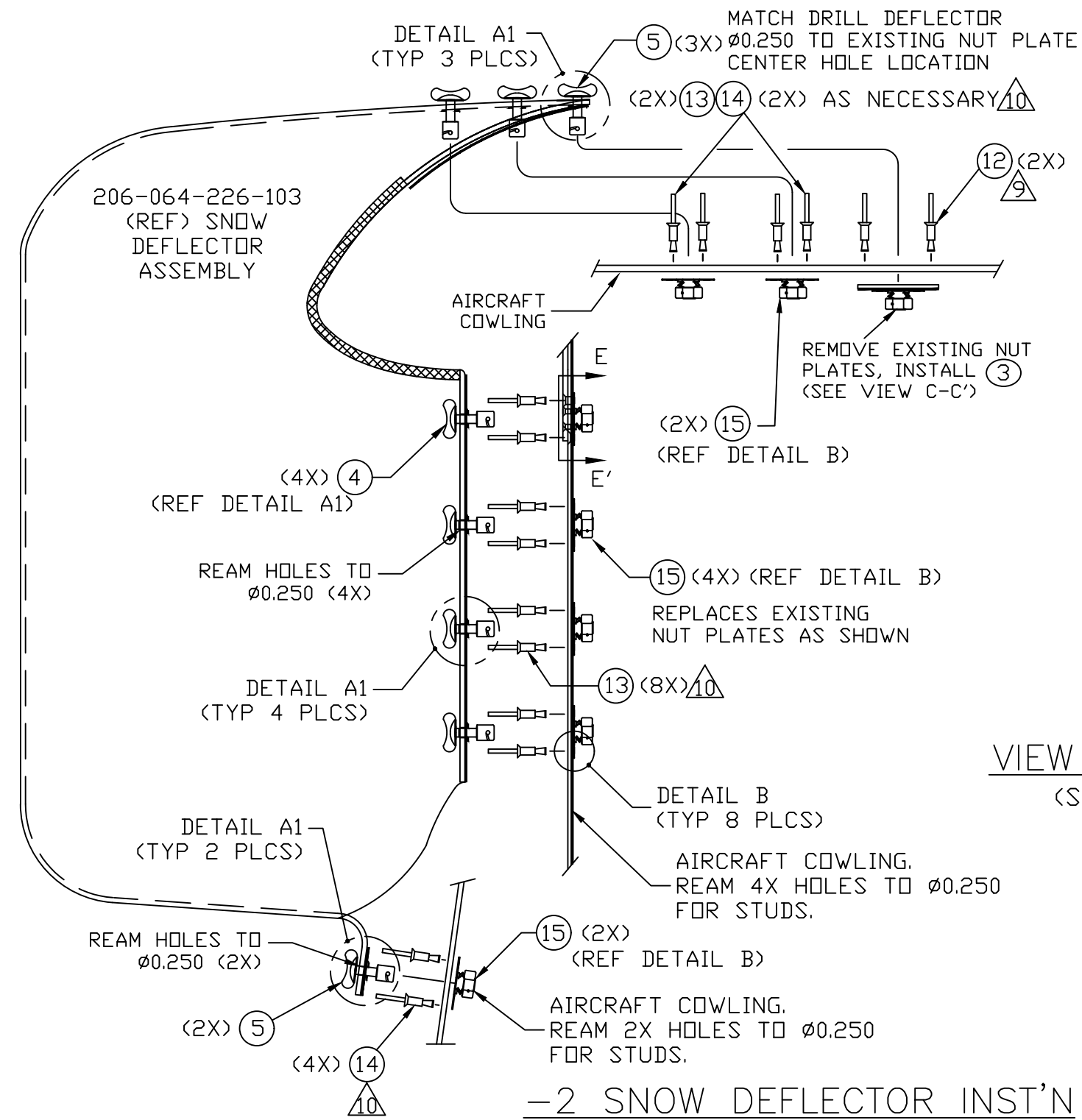
SHEET	REV	ECO	DATE	DESCRIPTION	BY	APR	CHK
1,2	A		10/08/99	CHANGED RIVET & DZUS STUD LENGTHS.	PR	PR	LS
1,2,3	B		11/05/99	ADDED SHEET 3 & ADDED 407SD-2500 DOUBLER ASSY.	PR	PR	LS
1,2,3	C		02/26/01	REPLACE TWO DZUS FASTENERS WITH NEW DZUS PARTS -2 INSTALLATION ONLY, 4 EA. NAS9302B-5-03 + 10 EA. NAS9302B-5-02 WAS 14 EA. NAS9302B-5-02. REMOVED 407SD-2500-2. ADDED 2 EA. ES34160-1,2 EA. ES34170-1, 2 EA. GH3	MR	MR	LS
1,2,3	D		09/23/02	-2 INST'N (4)EA. (16), (2)EA. (12) WAS (6)EA. (12)	REB	REB	LS
1,2		1	03/17/08	ADDED NOTE 2, (17) AND (18) FOR COWL VARIATION	REB	REB	LS
1-3		2	04/16/09	DIVIDED DETAIL A INTO A1/A2/A3. MATCH DRILL NOTE ON DETAIL B WAS ON VIEW D-D'. -1 WAS ON SH3, VIEW D-D' WAS ON SH2. ITEM 15 WAS R3.5(CLASS B).	REB	REB	LS
1-3		3	11/30/09	ADDED VIEW E-E', Ø0.250 REAM NOTE TO COWLING & NOTES 3/4.	REB	REB	LS
1	E		02/12/2013	ADDED 19 AS OPTIONAL FOR COWL VARIATION	DGW	DGW	LS
1-5	F		09/30/2013	ADDED INSTL -3 & -4; ADDED PAGES 4 & 5; CHANGED NOTE 1, ADDED NOTES 5 & 6, MODIFIED DETAIL A3.	JJT	DGW	LS
3-6	G		01/10/2014	CORRECTED VIEW CALLOUTS ON LOWER RIVETS OF -3 & -4 SH 4; CORRECTED LENGTH OF RIVETS IN VIEWS F-F', H-H', J-J', K-K' & L-L'; MOVED SECTION K-K' & L-L' CALLOUTS TO SH 1; MOVED SECTION K-K' & L-L' TO SH 6; ADDED NOTE 8; ADDED NOTE 7 CALLOUT, 4 PLS, ON SH 4; MODIFIED NOTE 7; REMOVED REDUNDANT NOTES TO REAM HOLES ON VIEW H-H' & J-J' ON SH 5; CORRECTED PART #'S IN NOTE 2 TO MATCH BOM; MODIFIED NOTE 1 TO REFLECT APPLICABILITY; CORRECTED DZUS STUD ITEM # FROM 25 TO 32, 2 PLS ON SH 4; ADDED VIEWS M-M' & N-N' ON SH 6; CORRECTED DETAIL A3 PART #'S TO MATCH BOM; CORRECTED DETAIL A2 PART #'S.	JJT	JJT	LS
ALL	H		02/14/2017	SHT 1 CLEANED UP VIEWS, ADDED -XXX TO NOTE 1. SHT 4 -4 ADDED (2X) TO #31 NOTE, CHANGED LOWER MATCH DRILL Ø0.250 NOTE FROM (4X), SHT 5 VIEW F-F ADDED MATCH DRILL COWLING .201 NOTE.	PDM	JT	LS
1		1	10/31/2018	ADDED ALT. P/N'S TO BOM ITEMS 4 AND 5	CJR	ZA	LS
2,3,7,BOM	J		07/03/2019	-2 REPLACED 2X DZUS FASTENER PARTS FROM ES34160-1 TO D4-R35 AND 4X (16) RIVETS TO 4X (14) (13) AS NECESSARY. ADDED SHEET 7 AND -2 OPTIONAL INSTALLATION AND C-C' VIEW. BOM-2: INCREASED QTY. BY TWO ON ITEMS 5,9,10,13,14, AND 15.	DT	ZA	LS
1,2,4,7	K		10/29/2020	ADDED NOTE 9 AND 10. CORRECTED QTY OF ITEM #12 RIVETS ON -1 INST'N. SHT. 2 AND 7 "DETAIL B (TYP. 12 PLCS)" NOTE NOW "DETAIL B (TYP. 8 PLCS)". ITEMS #4,5,8,9,15,19,25,26,27,28,&35 UPDATED FOR NEW OR ALT P/NS. ITEMS 5&19 REPLACE ITEM 31&32 RESPECTIVELY. REMOVED DETAIL A3. CORRECTED NOTE 2 FOR PROPER ALT ITEM #S.	DT	ZA	LS

BELL P/N 206-064-226-101 SNOW DEFLECTOR (LEFT SIDE INSTALLATION) (REF)
BELL P/N 206-064-226-103 SNOW DEFLECTOR (RIGHT SIDE INSTALLATION) (REF)



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Paravion® Inc.		TITLE DZUS SNOW DEFLECTOR INST'N		DRAWING NO. 407SD-200	
DIMENSIONS IN INCHES TOLERANCES EXCEPT WHERE NOTED: .X = ± .1 .XX = ± .05 .XXX = ± .010 ANGLES = ± 1° THREADS: INTERNAL=CLASS 2B EXTERNAL=CLASS 2A		DRAWN BY KRG	APRVD. BY PR	CHK'D BY LS	DATE 09/21/99
PROTO N/C		DO NOT SCALE DRAWING		REV K	ECO
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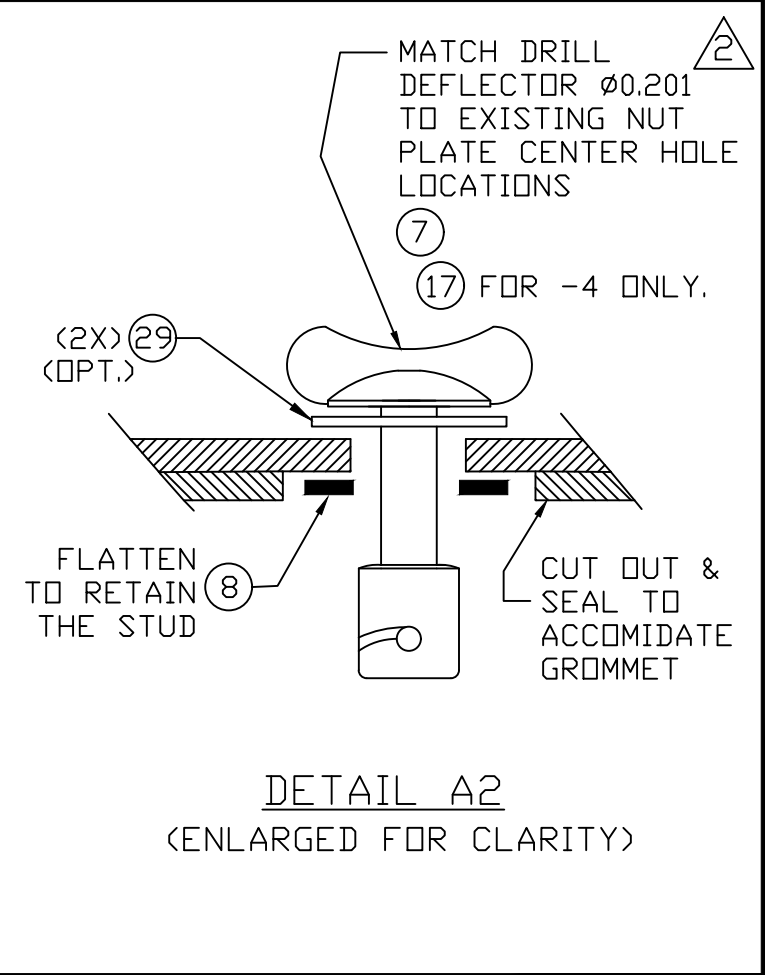
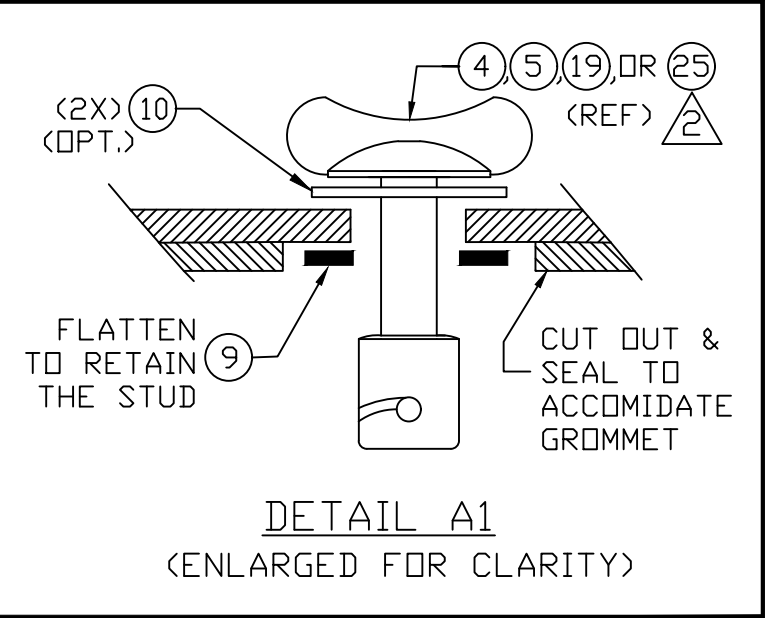
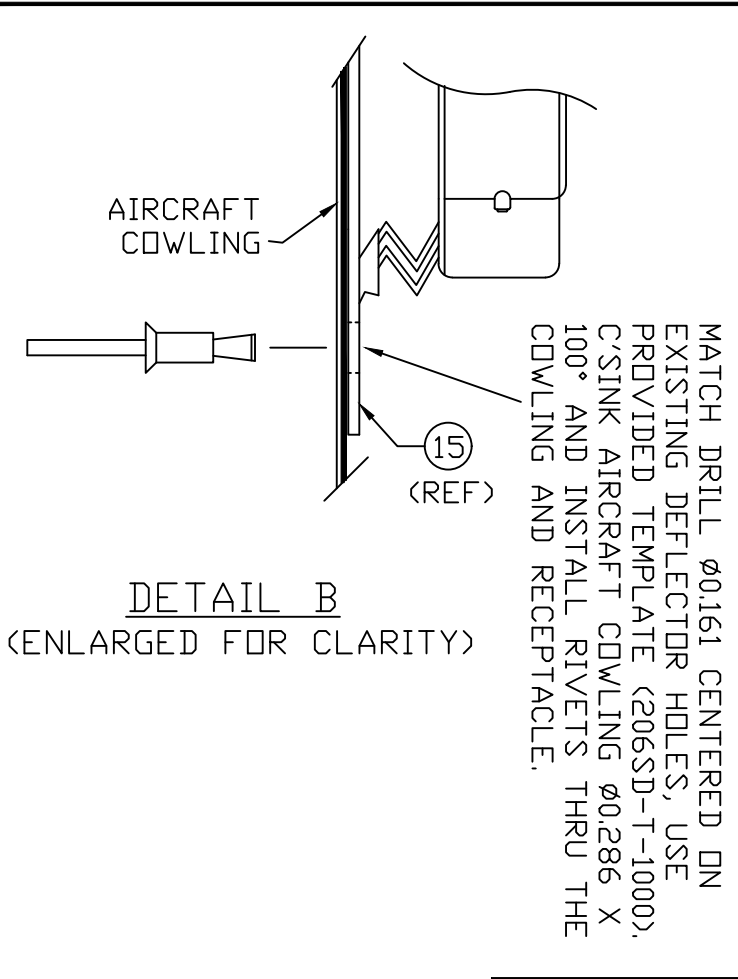
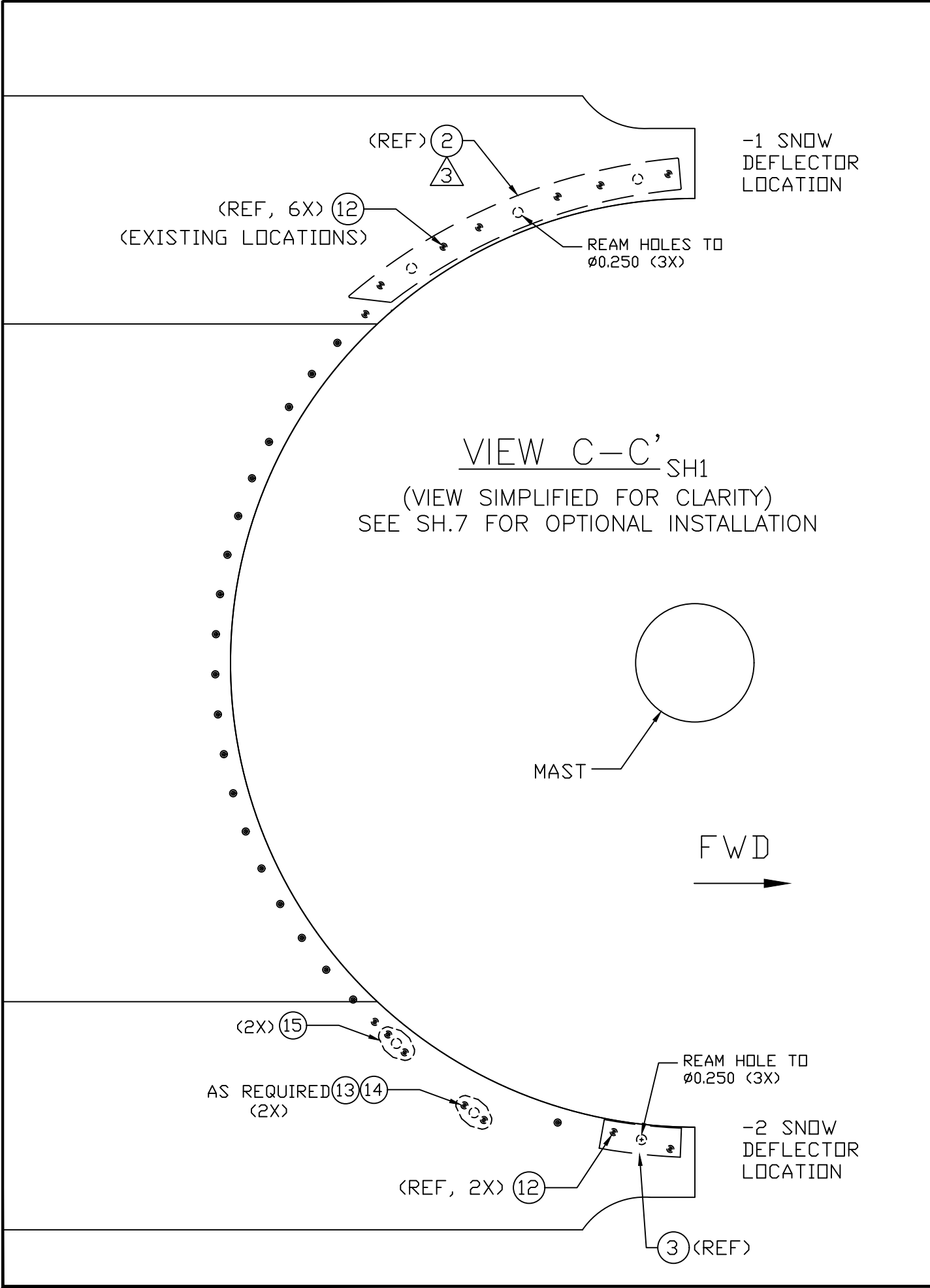


SEE SH.7 FOR OPTIONAL
INSTALLATION

(LEFT SIDE)

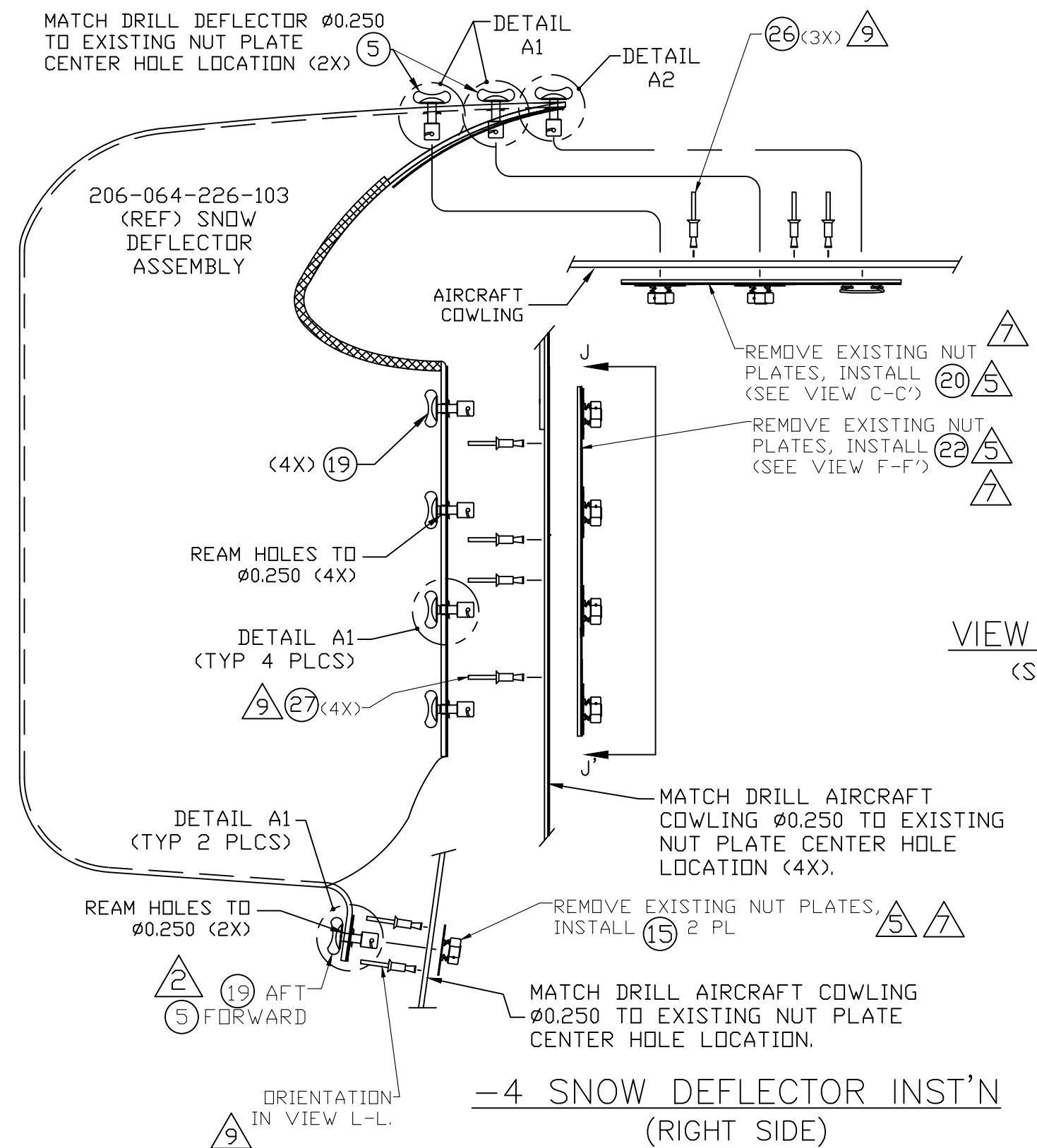
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Paravion® Inc. Technology		TITLE DZUS SNOW DEFLECTOR INST'N		DRAWING NO. 407SD-200		
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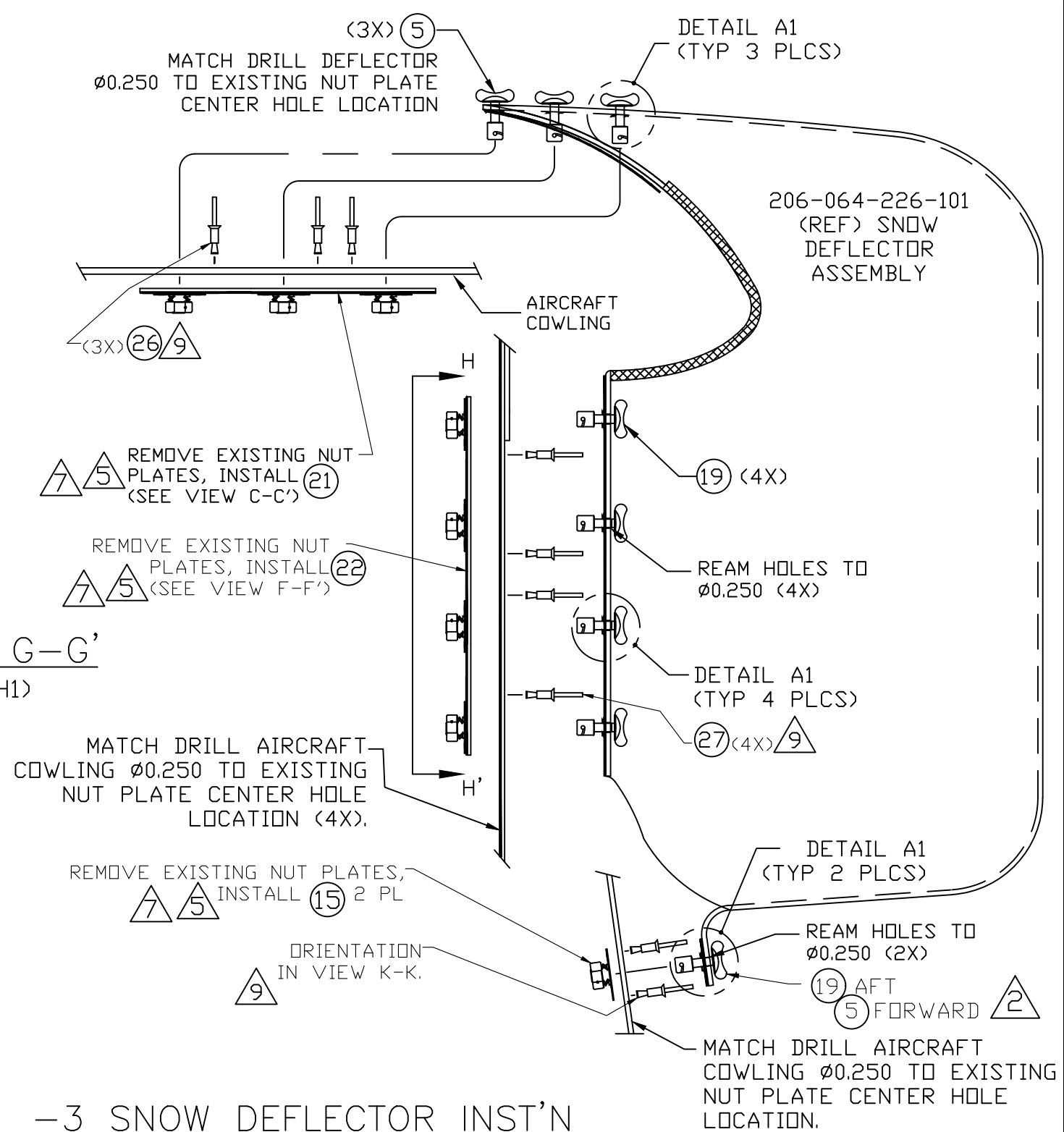


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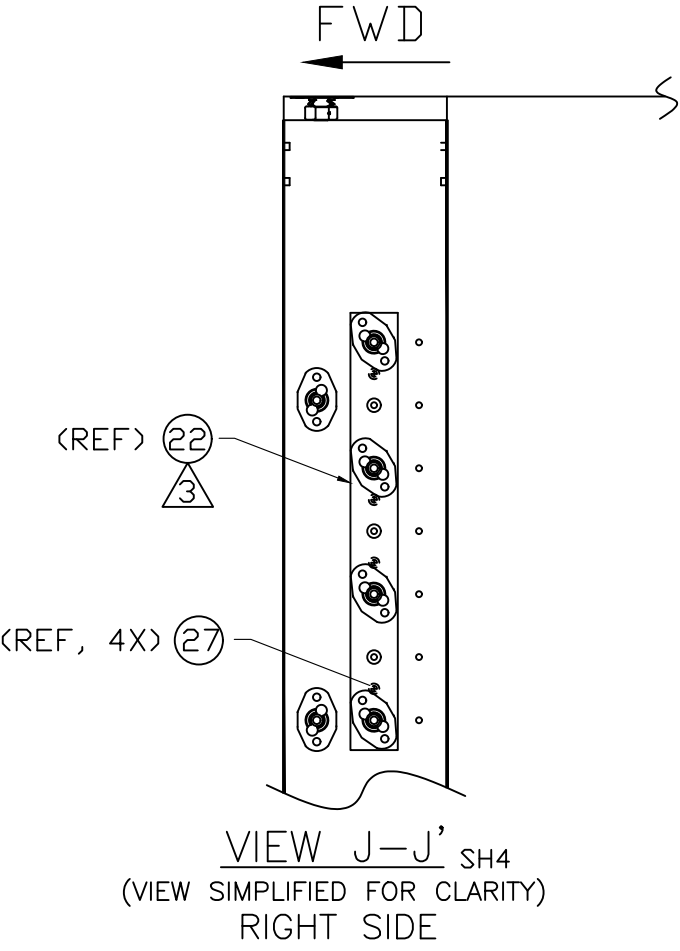
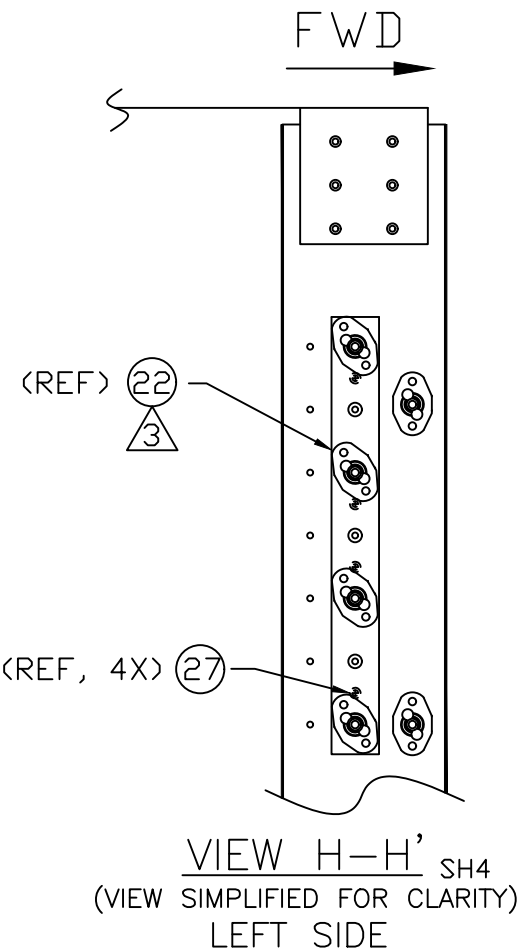
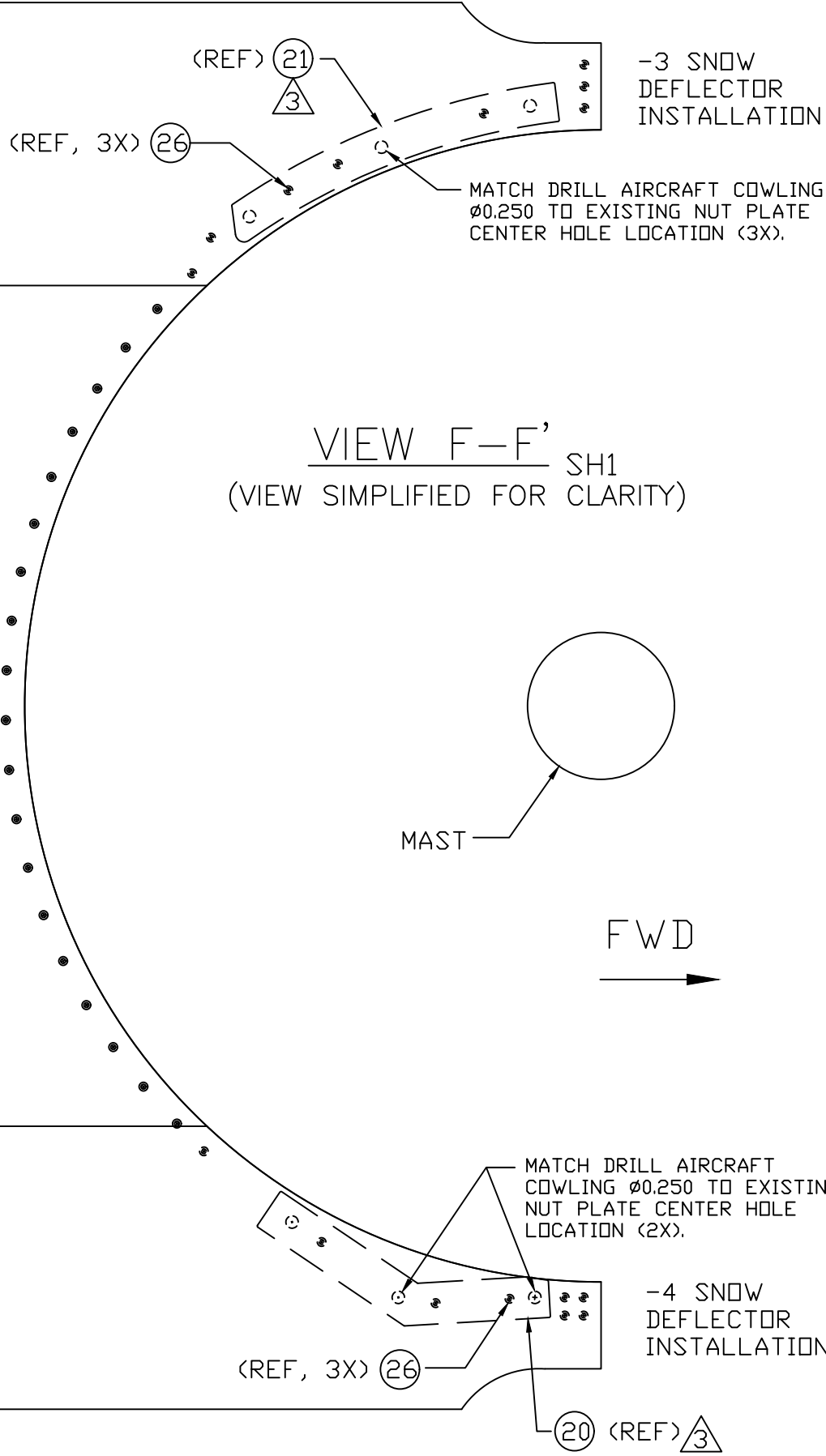


-4 SNOW DEFLECTOR INST'N
(RIGHT SIDE)



-3 SNOW DEFLECTOR INST'N
(LEFT SIDE)

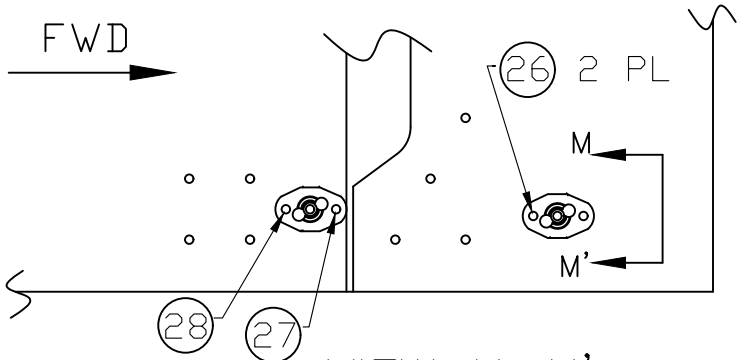
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			DO NOT SCALE DRAWING		REV K	ECO
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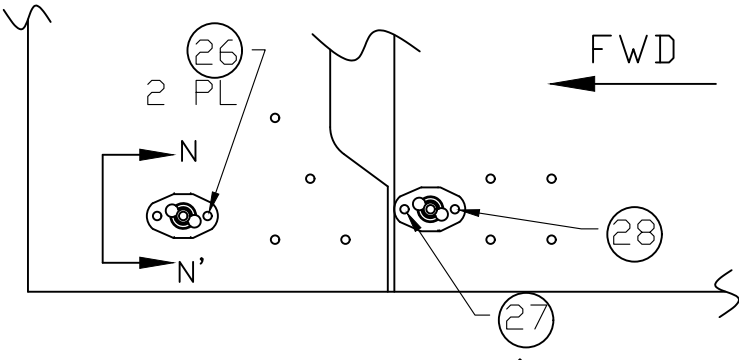
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.X = ± .1 .XX = ± .05 .XXX = ± .010 ANGLES = ± 1°		KRG	PR	LS	11/05/99	K
THREADS: INTERNAL=CLASS 2B EXTERNAL=CLASS 2A		DO NOT SCALE DRAWING				SHEET
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PROTO

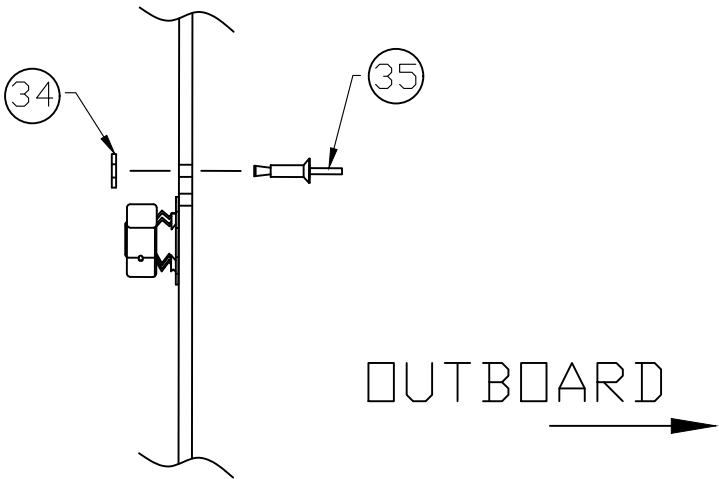
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VIEW K-K' SH4
(VIEW LOOKING OUTBOARD,
SIMPLIFIED FOR CLARITY)
LEFT SIDE



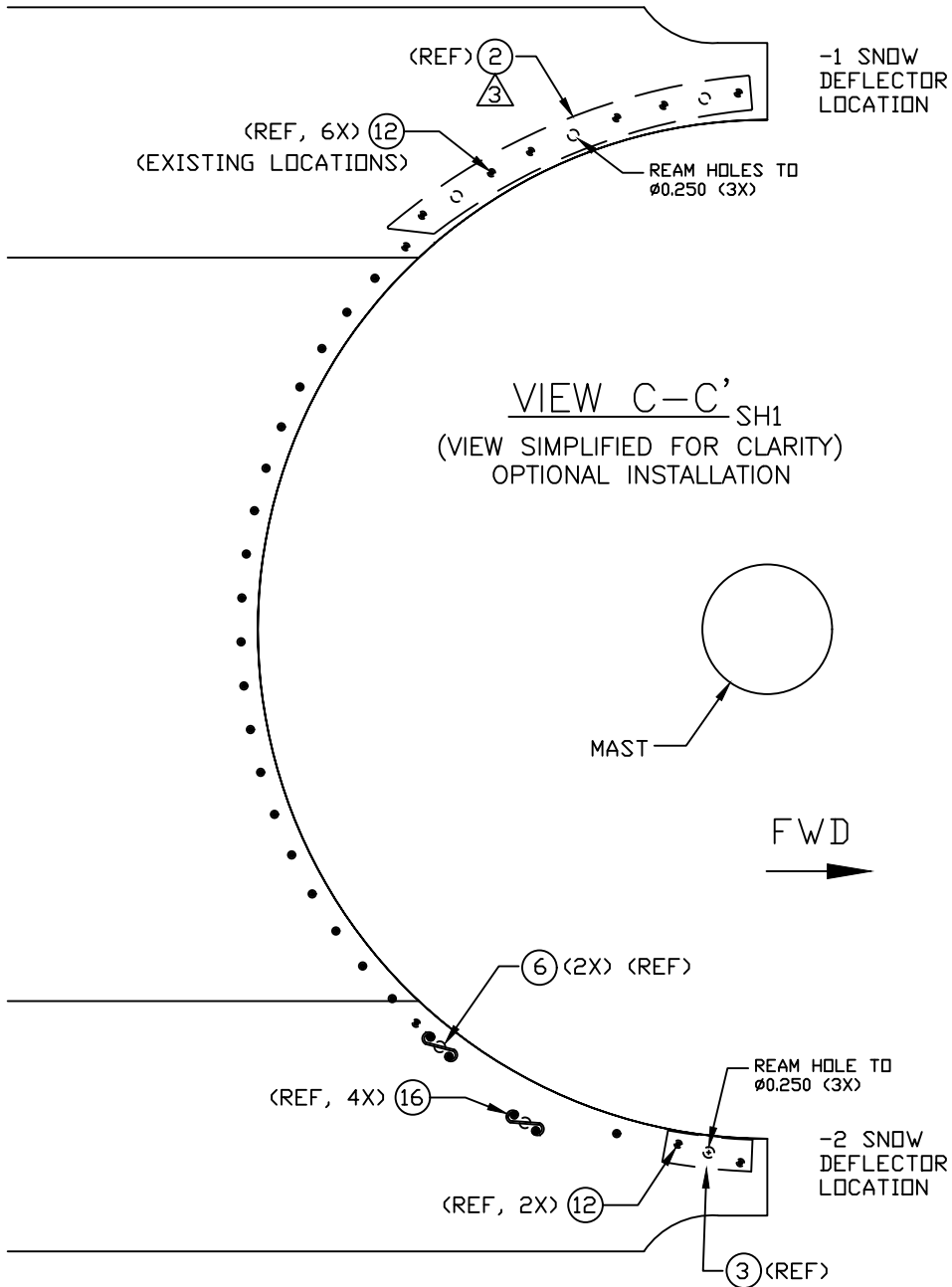
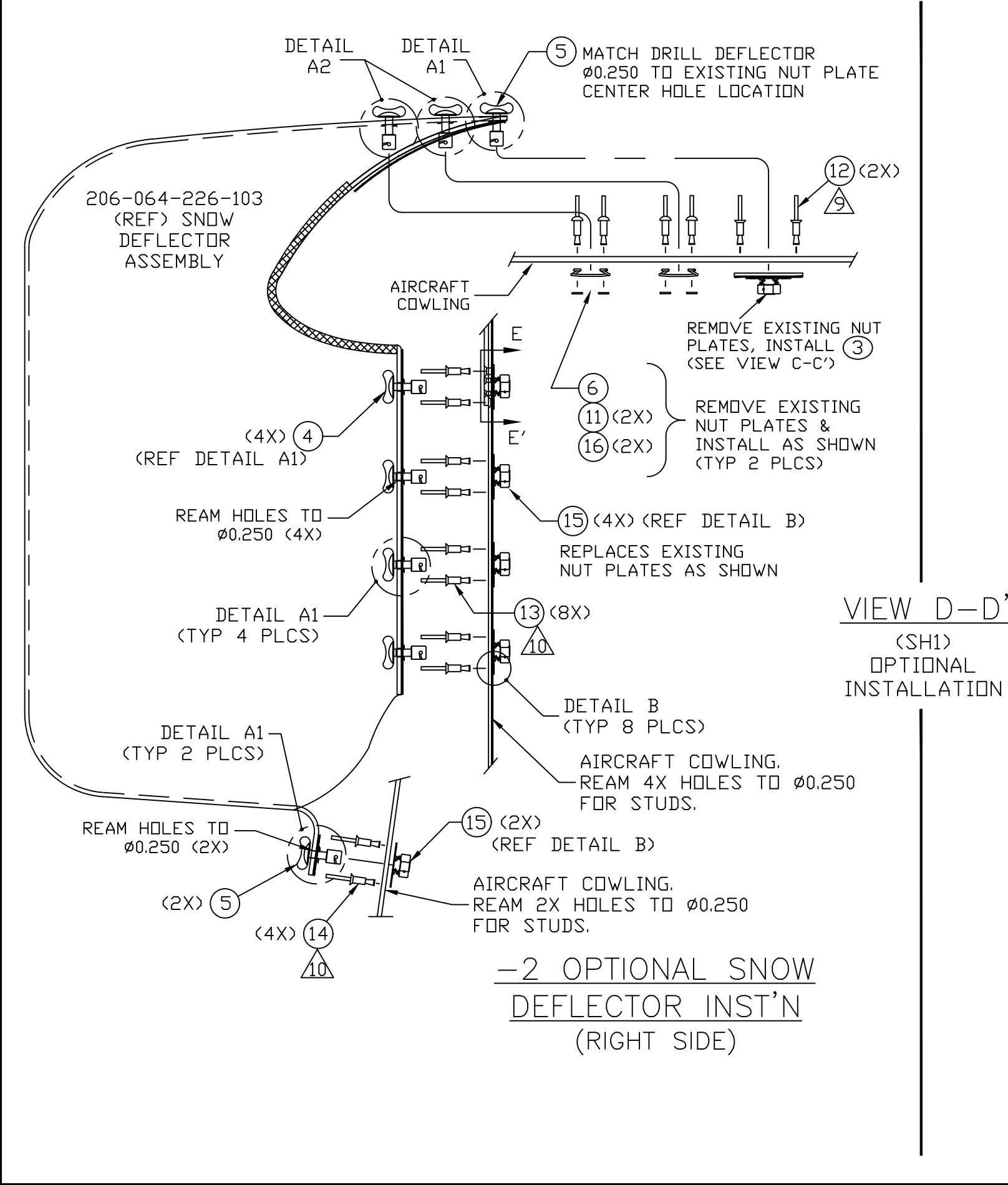
VIEW L-L' SH4
(VIEW LOOKING OUTBOARD,
SIMPLIFIED FOR CLARITY)
RIGHT SIDE



VIEW M-M' & VIEW N-N'

REPAIR EXISTING TOP RIVET HOLE WITH RIVET AND WASHER AS SHOWN ABOVE. REPAIR EXISTING BOTTOM RIVET HOLE PER BHT-ALL-SRM SECTION 4-5-3, EXCEPT REPAIR PLY ON INTERIOR OF COWLING NOT REQUIRED.

PROTO	Paravion® Inc.		TITLE		DRAWING NO.	
	Technology		DZUS SNOW		407SD-200	
	DIMENSIONS IN INCHES		DEFLECTOR INST'N			
	TOLERANCES EXCEPT WHERE NOTED:		DRAWN BY	APRVD. BY	CHK'D BY	DATE
N/C	.X = ± .1		KRG	PR	LS	09/21/99
	.XX = ± .05					
	.XXX = ± .010					
	ANGLES = ± 1°					
		DO NOT SCALE DRAWING				
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		SHEET 6 OF 7				



	<div>Paravion® Technology Inc.</div>	TITLE DZUS SNOW DEFLECTOR INST'N			DRAWING NO. 407SD-200		
		DRAWN BY KRG	APRVD. BY PR	CHK'D BY LS	DATE 09/21/99	REV K	ECO
	PROTO	DIMENSIONS IN INCHES TOLERANCES EXCEPT WHERE NOTED: .X = ± .1 .XX = ± .05 .XXX = ± .010 ANGLES = ± 1°	DO NOT SCALE DRAWING				SHEET 7 OF 7
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N/C	THREADS: INTERNAL=CLASS 2B EXTERNAL=CLASS 2A						

Bill of Materials

*407SD-200-1/-2, REV. K

ITEM #	P/N	DESCRIPTION	QTY	TYP
0	*407SD-200-1/-2, REV. K	DZUS SNOW DEFLECTOR INST'N	1	KIT
1	407SD-200-1	DZUS SNOW DEFLECTOR INST'N	1	EA
2	407SD-200-2	DZUS SNOW DEFLECTOR INST'N	1	EA

Bill of Materials

*407SD-200-1, REV. K

ITEM #	P/N	DESCRIPTION	QTY	TYP
0	*407SD-200-1, REV. K	DZUS SNOW DEFLECTOR INST'N	1	KIT
1	206SD-T1000-1	DRILL TEMPLATE	1	EA
2	407SD-2500-1	DOUBLER ASSEMBLY	1	EA
4	ES34170-5	DZUS STUD	5	EA
5	ES34170-6	DZUS STUD	7	EA
9	ES34170-10	HALF GROMMET	10	EA
10	NAS1149F0432P	WASHER	18	EA
12	CR3212-4-03	RIVET (Alt: NAS9302B-4-03)	7	EA
13	CR3212-5-02	RIVET (Alt: NAS9302B-5-02)	10	EA
14	CR3212-5-03	RIVET (Alt: NAS9302B-5-03)	4	EA
15	ES34160-2	RECEPTACLE	6	EA
19	ES34170-7	DZUS STUD	6	EA

Bill of Materials

*407SD-200-2, REV. K

ITEM #	P/N	DESCRIPTION	QTY	TYP
0	*407SD-200-2, REV. K	DZUS SNOW DEFLECTOR INST'N	1	KIT
3	407SD-2500-3	DOUBLER ASSEMBLY	1	EA
4	ES34170-5	DZUS STUD	5	EA
5	ES34170-6	DZUS STUD	7	EA
6	ES34160-1	RECEPTACLE, DZUS FASTENER	2	EA
7	ES34170-1	DZUS STUD	2	EA
8	ES34170-9	HALF GROMMET	2	EA
9	ES34170-10	HALF GROMMET	10	EA
10	NAS1149F0432P	WASHER	20	EA
11	NAS1149FN232P	WASHER	4	EA
12	CR3212-4-03	RIVET (Alt: NAS9302B-4-03)	2	EA
13	CR3212-5-02	RIVET (Alt: NAS9302B-5-02)	12	EA
14	CR3212-5-03	RIVET (Alt: NAS9302B-5-03)	6	EA
15	ES34160-2	RECEPTACLE	8	EA
16	CR2663-3-03	RIVET (Alt: NAS1398C3-3)	4	EA
17	ES34170-2	DZUS STUD	2	EA
18	ES34170-3	DZUS STUD	2	EA
19	ES34170-7	DZUS STUD	6	EA
29	NAS1149F0332P	WASHER	4	EA

Bill of Materials

*407SD-200-3/-4, REV. K

ITEM #	P/N	DESCRIPTION	QTY	TYP
0	*407SD-200-3/-4, REV. K	DZUS SNOW DEFLECTOR INST'N	1	KIT
1	407SD-200-3	DZUS SNOW DEFLECTOR INST'N	1	EA
2	407SD-200-4	DZUS SNOW DEFLECTOR INST'N	1	EA

Bill of Materials

*407SD-200-3, REV. K

ITEM #	P/N	DESCRIPTION	QTY	TYP
0	*407SD-200-3, REV. K	DZUS SNOW DEFLECTOR INST'N	1	KIT
5	ES34170-6	DZUS STUD	4	EA
9	ES34170-10	HALF GROMMET	9	EA
10	NAS1149F0432P	WASHER	18	EA
15	ES34160-2	RECEPTACLE	2	EA
19	ES34170-7	DZUS STUD	5	EA
21	407SD-2500-5	DOUBLER ASSY	1	EA
22	407SD-2500-6	DOUBLER ASSY	1	EA
25	ES34170-8	DZUS STUD	2	EA
26	CR3522-4-02	RIVET (Alt: NAS9308M-4-02)	4	EA
27	CR3522-4-03	RIVET (Alt: NAS9308M-4-03)	7	EA
28	CR3522-4-04	RIVET (Alt: NAS9308M-4-04)	4	EA
34	NAS1149CN232R	WASHER	2	EA
35	CR2662-3-02	RIVET (Alt: NAS1399C3-2)	2	EA

Bill of Materials

*407SD-200-4, REV. K

ITEM #	P/N	DESCRIPTION	QTY	TYP
0	*407SD-200-4, REV. K	DZUS SNOW DEFLECTOR INST'N	1	KIT
5	ES34170-6	DZUS STUD	3	EA
8	ES34170-9	HALF GROMMET	1	EA
9	ES34170-10	HALF GROMMET	8	EA
10	NAS1149F0432P	WASHER	16	EA
15	ES34160-2	RECEPTACLE	2	EA
17	ES34170-2	DZUS STUD	1	EA
19	ES34170-7	DZUS STUD	5	EA
20	407SD-2500-4	DOUBLER ASSY	1	EA
22	407SD-2500-6	DOUBLER ASSY	1	EA
25	ES34170-8	DZUS STUD	2	EA
26	CR3522-4-02	RIVET (Alt: NAS9308M-4-02)	4	EA
27	CR3522-4-03	RIVET (Alt: NAS9308M-4-03)	7	EA
28	CR3522-4-04	RIVET (Alt: NAS9308M-4-04)	4	EA
29	NAS1149F0332P	WASHER	2	EA
34	NAS1149CN232R	WASHER	2	EA
35	CR2662-3-02	RIVET (Alt: NAS1399C3-2)	2	EA